
	Recommended Program of Study for: Equine Science				
Career Cluster: Agriculture Food and Natural Resources			Career Pathway: Animal Systems		
9 th Grade	10 th Grade	11 th Grade	12 th Grade	Postsecondary	
English I	English II	English III	English IV	College of Southern Nevada Great Basin College Truckee Meadows Community College University of Nevada, Las Vegas University of Nevada, Reno Western Nevada College	
Algebra I	Geometry I	Algebra II	Senior Level Math Course		
Biology	Chemistry	Science or Elective	Elective ¹		
Health / Computer Literacy	World History	US History	US Government		
Physical Education	Physical Education	Foreign Language ² or Elective ¹	Foreign Language ² or Elective ¹		
Agriculture Science I	Agriculture Science II	Equine Science	Equine Science Advanced Studies	Career and Technical Student Organizations	
Work-Based Learning	Secondary	-- Articulation --		Postsecondary	
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers	Agriculture Science I Agriculture Science II Equine Science	Up to 3 credits at Great Basin College (subject to change)			FFA
CTE Assessments ³	Available Industry Certifications			High Wage - High Skill - High Demand Careers ⁴	
-End of Program Technical Assessment for Equine Science -Workplace Readiness Skills Assessment (for Employability Skills Standards)	<u>Certification</u>	<u>Provider</u>	Equine Geneticist Equine Caretaker Education and Extension Specialist Reproductive Physiologist AI Technician Animal Scientist Biotechnology Lab Technician Embryo Transfer Technician		

This Program of Study is based upon the requirements needed for an Advanced Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

¹ Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

² Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

³ CTE Assessments will be administered during the completion level CTE course.

⁴ For additional career and employment information visit <http://www.nvcis.intocareers.org/> and <http://www.NevadaYouth.org>